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12B (N.E.)  
Bull

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. ....09/991,526  
Filing Date .....October 21, 2001  
Inventor.....Radomir Mech et al.  
Group Art Unit .....2697  
Examiner .....Zimmerman, Mark E.  
Attorney's Docket No. .... MS1-1032US  
Confirmation No. ....3095  
Title: Rendering Volumetric Fog and Other Gaseous Phenomena Using an Alpha  
Channel

**RESPONSE TO FINAL OFFICE ACTION DATED APRIL 16, 2004**

To: Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

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JUN 16 2004

Technology Center 2600

From: Frederick M. Fliegel (Tel. 509-324-9256 x239; Fax 509-323-8979)  
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**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 10.

**Traverse of Rejections Under 35 U.S.C. §103** begins on page 11.

**Discussion of Deficiencies in Examination** begins on page 26.

**A Conclusion** begins on page 28.